

Memoranda

James
Burke

Anderson

1964

✓ADP
9/11/66
TJL CDR

HOWLAND

ISLAND

Birnie

Christmas

Checked against interisland
file 10/20/66 CDR

Done 9/20/68

SIC 6

band stings
issued - listed
here

Island

date

Species

band stings →

12/12

10/9/64

757-63101
200

Holland 12

10/9/64

Blun-faced 500 Sq

757-

63101 - nestling

102 - "

Nest - ♂ 2 eggs - banded squirrel

Nest - ♀ 2 eggs

Nest - ♀ 2 eggs

103 - nestling

Nest - 1 egg, 1 chick - Hairy
up squirrel & P.C.

Nest - ♂ 2 eggs

Nest - ♀ 1 egg, 1 chick - banded P.C.

Nest - ♂, chick

104 - nestling

105 - "

106 - imm

107 - imm

108 - nestling

157-63109

✓ 200

Houston

10/9/64

Blue-face

Nest 1 chick

109 - immature

110 - "

111 - "

112 - "

113

114

115

116

117 - 1 egg

118 - 1 egg

119

120

Nest 1 2 eggs

121 - 1 egg

Nest 1 1 egg

122 - 1 egg

757-53 123

res

Oct 9
Blue-faced Booby

Nest - 2 eggs

Nest - 2 eggs

Nest - nothing

Nest - 1 egg

125 - 1 egg

Nest - 1 egg

Nest - 1 egg

Nest - 1 egg

127 - 1 egg

128 - 1 egg

129 - 1 egg

130 - 1 egg

Nest - 2 eggs

131 - nothing

Nest - 2 eggs

Booby - 1 egg - 552-71321

Howland

10/9/61

Blue face

Nest - 4 eggs

Red-foot		
1 egg	2	6
chick	2	11
Nest.	1	3
		15

Great frigate

egg	2		
N	28	53	

18/5/11

Red-foot

11/5/11

Nest 11

11/5/11

11/5/11

11/5/11 - downy chick

001 - downy chick

002 - grey 15 weeks

003 -

4.0 -

5.0 -

6.0 -

7.0 -

8.0 -

9.0 -

10.0 -

11.0 -

12.0 -

13.0 -

Scapular white, brown tip
Tail - black
4/ small chick

59001 - Im.

Bill - black
Iris - dark
Eye ring - purple
Inside of mouth - light blue
Throat - brown
Under side - brown
Tail feathers - white-tipped
Feet - black

Howland

12/15/44

Greater

~~12/15/44~~
~~12/15/44~~ 28

773-22001
500

Howland

Oct 9 1964

Sooty tern

773-22001 Adult
500

12/13/64

793-30001
500

Shore

Jul 10

Gold 110 100 1 2 5 14 24 2 2 5 1
14 5 14 11 18 10 4

W. T. 2 5 1 11 22 1 (14)

R. 11 (65) 14 1 16 2 2 4 6 2 2 3
4 17 3 10

R. 11 1 2 15 1

N. 1 2 1

C. 11

747-59301
400

Howland

10-10-64

Lesser frigate

747-59301

400

nestlings

10/11/64

747-58801

200

nestlings

10/12/64

747-58801

400

Howland

10-10-64

Blue-faced Booby

✓ADP

- ✓757-62848 ♂ } w/nestling
✓737-20798 ♀ }
✓568-72004 imm
✓737-20793 ?
✓737-23507 ♂ on 1 egg
✓" - 23572 ♀
✓757-63140 ♂
✓737-28651 ♀ on 1 egg
✓568-72007 imm
568-72014 imm ✓
✓737-39535 ♂ } ✓
✓~~757~~-~~63141~~ ♀ w/chick }
✓757-63142 ♀ w/nestling }
✓737-39568 ♂ w/nestling }
✓737-20673 ♀
✓757-63143 ♂ ✓

✓APP

Honolulu 2

12-10-64

✓ADP

Blue-faced Booby

✓37-49780

♂

✓37-23531

♀ w/2 eggs

✓37-26778

♀ w/1 egg

✓37-34553

♀ w/1 egg

✓37-28530

♂ NL

✓37-53099

♀ w/1 egg

✓568-72038

imm

✓157-63144

♀

✓757-63145

♂

✓568-72043

imm

✓757-63146

✓757-63147

imm

✓757-63148

♀ 2 eggs

✓568-72044

imm

✓737-39600

♀

✓757-63149

♀ w/1 egg

✓737-53452

♂ w/2 eggs

✓737-27433

♀

Howland Is

10-10-64

✓ ADP

Blue-faced Booby

✓ ~~757-63151~~ ♀ w/2 eggs

✓ ~~757-63152~~ ♀

✓ ~~757-63153~~ ♂

✓ ~~757-63154~~ ♂ w/chick

✓ ~~757-63155~~ ♂

✓ ~~757-63156~~ ♀

✓ ~~737-28878~~ ♂ w/2 eggs

✓ ~~757-63157~~ ♂

✓ ~~757-63158~~ ♀

✓ ~~737-49662~~ ♀

✓ ~~757-63159~~ sub-ad

✓ ~~757-63160~~ ♀

✓ ~~757-63161~~

n/c

✓ ~~757-63162~~

n/c

✓ ~~757-63163~~

sub-adult - n/c

✓ ~~757-63164~~ ♂

✓ ~~757-63165~~ ♀ w/chick

✓ ~~737-20763~~

n/c

Howland ✓ ADP
10-11-64

Blue-faced Booby

- | | | |
|-------------|---------------------|--------|
| ✓ 757-63166 | ♂ | } 2/1 |
| ✓ 757-63167 | ♂ | |
| ✓ 757-63168 | ♂ | |
| ✓ 757-63169 | | |
| ✓ 757-63170 | | |
| ✓ 757-63171 | ♀ w/ chick | } |
| ✓ 757-63172 | ♀ | |
| ✓ 568-71492 | imm in sooty
lot | |
| ✓ 568-71482 | imm in sooty
col | |
| ✓ 737-27442 | ♀ w/ 2 eggs | |
| ✓ 737-53346 | ♂ | End of |
| ✓ 568-71494 | imm | |
| ✓ 757-63173 | ♀ | AC
 |
| ✓ 757-63174 | ♂ | |
| ✓ 175 | ♀ | |
| ✓ 176 | ♂ | |
| ✓ 177 | ♀ | |
| ✓ 178 | ♀ | |
| ✓ 179 | ♂ ? | |

Howland
10-10-64

Blue-face

VADP

RC

✓ 737-39609

✓ 558-~~85~~-85021

SA

NL

✓ 757-63180

♂

✓ 737-62821

♀

✓ 757-63181

SA

✓ 737-28951

✓ 757-63182

✓ 737-62784

♀

✓ 737 49801

SA

✓ 757-63059

✓ 757-63183

♀

✓ 757- 184

♀

✓ 185

♀

✓ 186

♂

✓ 187

♂

✓ 188

♀

✓ 737-20826

♀

♀

Howland

10-10-66

Blue-faced

✓ ADP

✓ 737-27880 ♀

✓ 757-63189

✓ 190

✓ 191

✓ 192

✓ 193 ♂

✓ 194 ♀

✓ 195 ♀

✓ 196 ♀

✓ 197 ♀

✓ 737-28897 ♀

✓ 737-28872 ♀ 205/

✓ 757-63198 ♀

✓ 737-53246

✓ 737-28782 ♀

~~757-63220~~

✓ 737-53494 ♀

✓ 737-20806 ♂

RC

Howland

10-11-60

Sooty tern

773-24701

500

N

773-25001

500

A

10-12-64

H

773-26001

500

773-27501

600

773-27801

200

Bernie
Nov 7
Blue faced

Nests	1 egg	2 eggs	ch

Nests	<u>Brown</u> 2 eggs	<u>Imm</u>
	1	1

Bimini
Nov 9

Blue-faced Booby VADP

✓ 667-39564 ♂ w/L ✓

✓ -39577 ♂ w/I ✓

✓ 757-62830 ♀ Bahama ✓

✓ 667-39550 ♀ w/I ✓

[757-66701] I

702 I

✓ 737-22280 ♂

703 I

704 voice
chasing RC

705 ♀ RC

706 ad RC

✓ 757-63613 ♀ RC Ender (X)

✓ -62925 ♀ RC Haul

✓ 737-22477 ♀ Ender (X)

707 ♀

✓ 76246 ♀

708 ♂ w/n

Burnie

Nov. 9

Corn Noddy

773-20922-29

930 1 egg

931-934

935 I

723-68783

936-944

945 } w/ch

946 }

947-948

989 I

Burnie

Nov. 9

Blue-faced

✓ADP

✓737-26201 ♀

✓21114 ♂

709 ♀

710 I

✓21111 ♂

711 I

✓22241 ♀

712 I

713 I

714 ♀

715 I

✓22248 ♂ 2 egg.

✓21118 ♂

✓21025 ♀

✓21119 ♀

✓26244 ♀

✓23276 ♀

✓26242 ♀

(*) Ed

Birnie
Nov 9, 1964
Brown job

757-66716 I

717 ~~Blue-green~~
Sill yellow

721 Blue-free

724 I

Binnie
Nov 9

Blue-faced VADP

✓ 667-39534 ♂ } w/h ✓

✓ -39540 ♀ } ✓

✓ 737-23897 ♂ w/h ✓

✓ -22238 ♀ w/I } ✓

✓ -22239 ♂ } ✓

720 I

✓ -21103 ♂ ✓

✓ -21106 ♂ ✓

✓ -21196 ♂ w/I ✓

✓ 568-72185 I ✓

✓ 72195 I ✓

✓ 737-22680 ad ✓

✓ 22208 ♀ ✓

✓ -21470 ♀ ✓

722 I

723 ♀

✓ -23538 ♀ ✓ Hord oh

✓ Ende (*)

Burnie

Nov. 9

Blue-faced VADP

737-26468 ♀ ✓

-26463 ♂ ✓

-21282 ♀ ✓ Ends ⊗ sh

568-72154 I ✓

✓737-26360 ♂ ✓

725 ♀

-27417 ad ✓ Ends ⊗ sh

568-72172 I ✓

726 I

727 I

728 I

729 ad

730 I

737-22611 ♀ ✓ Ends ⊗

568-72159 I ✓

737-21147 ♂ ✓

751-63720 ♀ ✓ Ends ⊗

✓737-21011 ♀ w/h

Barnie

Nov. 9

Blue-faced

ADP

731 ♀ w/I

✓ 737-21060 ♂ w/I ✓

✓ -21117 ♀ w/I ✓

✓ -21102 ♂ ✓

Nov 21

Shoreland

<u>GP</u>	<u>WT</u>	<u>Cum</u>	<u>Les Frg</u>	<u>LT</u>	<u>RT</u>
III	IXI	III		II	III
III	III	III		/	III
		III		3	9
III	III	III			
III	III	III			
III	III	III			
<u>75</u>	<u>11</u>	<u>20</u>			
	27				

~~Christmas~~
No ADP CDK

Metu Otca
Nov 21
L-T Troops

625-87118 N

119 ad on egg

120 N

121 N

122 ad w/N

123 N

124 W

125 ad

126 ed

127 ad

128 n

129 W

544-53001
+100

Motu Upas Christmas

Nov 21

Christmas Island Shear

Return

544-12321

46901

46207

514-79239

-~~784~~

-77947

-77287

-77945

-79267

-77901

-77292

-77942

544-48758

48773

514-79814

544-12190

✓

-48764

✓

-12165

Mota Upua - Christmas

Nov 21

Phoenix Is Pet

524-04701
800

514 - 77514

544 - 12475

Mohi Upua - Clinton

Nov 21

~~Christmas Is Shee~~

~~R-F 100h~~

747-58043 I

Leek - Christmas

Nov 22

Shoreland

<u>Car</u>	<u>GP</u>	<u>WT</u>	<u>RT</u>
11	11	11	111
11		11	
11		11	
11		11	
11			
11			

Cook - Chumbe
Nov 22

Fairy Tern
622 - 94789
94583
94795

Nestlings →

020	N	045 N	62
013	N	54 N	66

Cook Is - Christmas

Nov 23

R-T Tropic

625-87/30	N
31	N
32	Ad
33	N
34	N
35	N
36	N
37	Ad
38	Ad
39	Ad
40	N
41	Ad 1 egg
42	N
43	Ad 1 egg
44	Ad 1 egg
45	N
46	Ad
47	Ad
48	N

1 N not banded - ran away
into the bushes

Cook - Christmas

Nov 23

R-T Trogon

49 Ad

50 N

51 Ad on egg

52 N

53 N

54 N

55 N

56 Ad on egg

57 N

58 N

59 N

60 N

61 Ad w/N (too small)

62 N

63 Ad w/N }

64 N

65 Ad 1 egg

66 Ad

67 N

Cook Chimney

Nov 23

R-T Tropic

68 Ad

69 ~~Ad~~ N

70 Ad

71 N

72 Ad w/n

73 N

74 Ad w/egg

75 Ad on egg

76 N

77 Ad on egg

78 Ad on egg

79 Ad w/n too small

80 N

81 N

82 Ad

83 Ad w/egg

84 N

85 Ad

Cook-Christians

Nov 23

R-T Troop

86 Ad w/ small N

87 N

88 Ad w/ egg

89 Ad w/ sm N

90 N

✓ 545-56601 w/ egg

91 Ad w/ egg

92 Ad w/ sm N

93 Ad w/ egg

94 Ad w/ egg

95 Ad w/ egg

96 Ad w/ egg

97 Ad w/ egg

98 N

99 w

100 Ad

Motu Tabu, Christmas
Nov 23
Christmas Island

~~544 - 53901 / 000~~

~~544 - 10910~~

~~10955~~

~~10976~~

~~514 - 75899~~

~~544 - 10622~~

~~- 49550 ✓~~

~~544 - 53701 / 800~~

✓ 514 - 75895 on egg

544 - 49942

- 49594

Mole Tab - Clinton

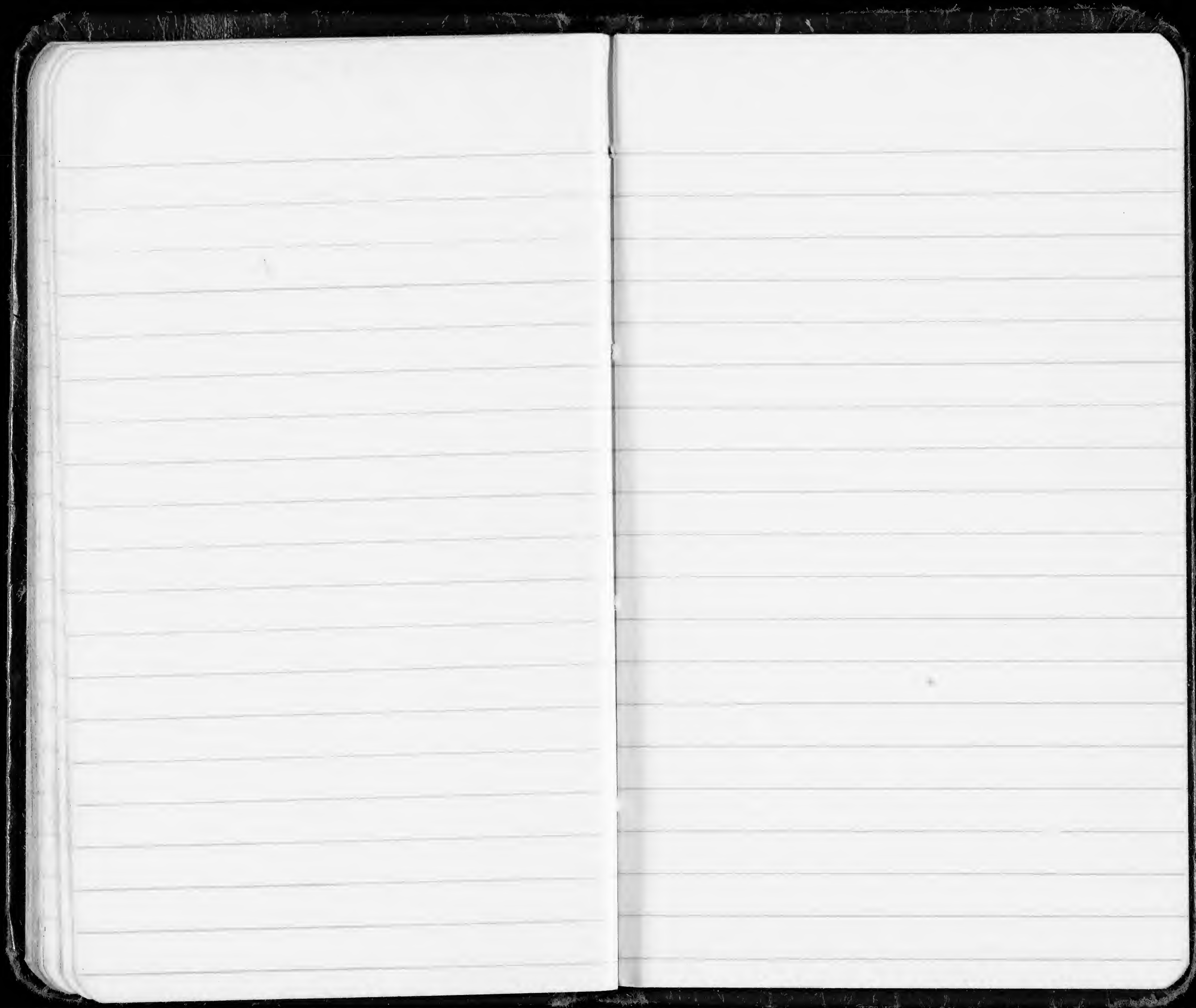
Nov 23

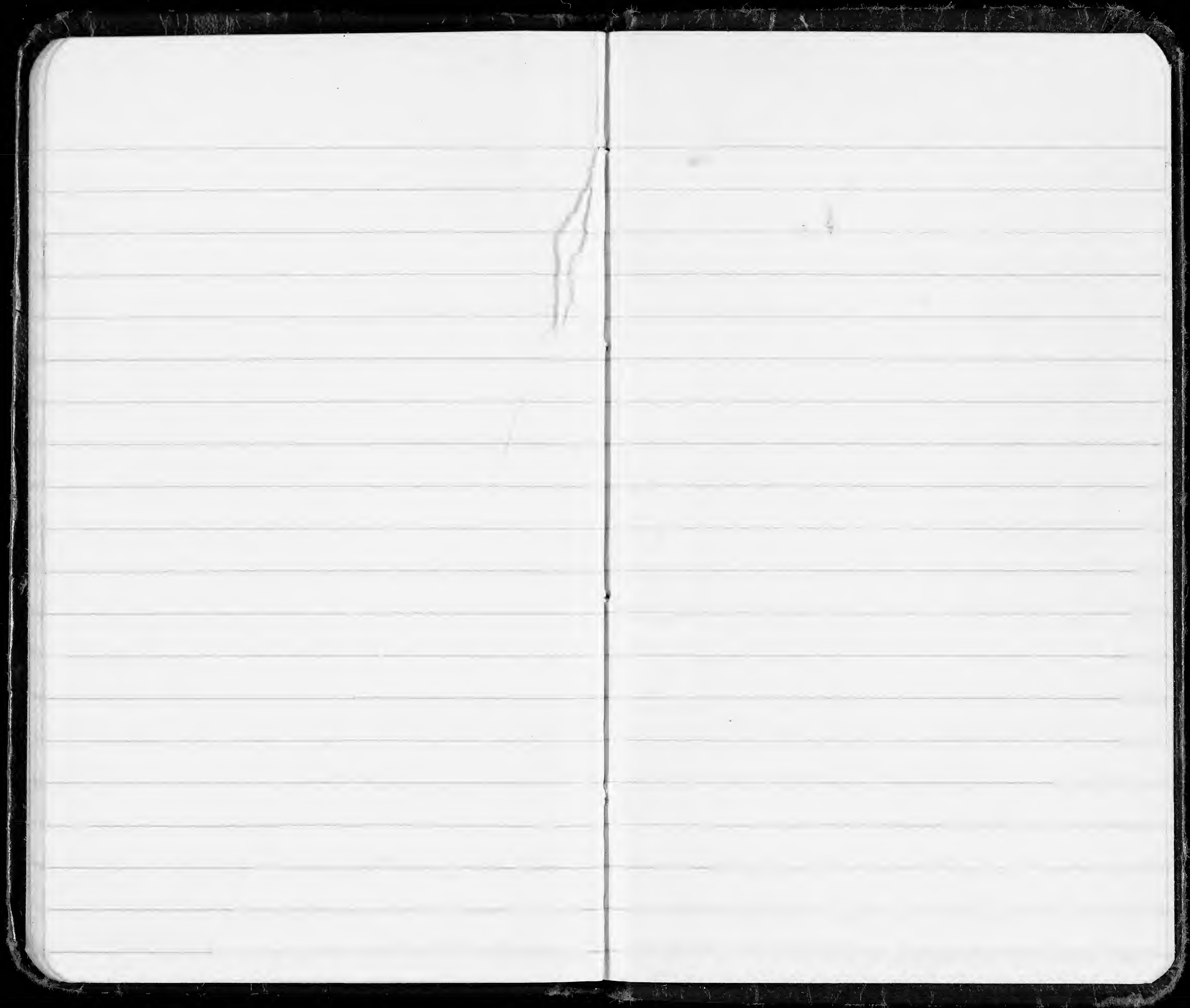
Phoenix Is

Ret - 544-10663

544-54001

100





165
 126
 990
 330
 165
 20790

$$\frac{1250}{1000} = \frac{160}{x}$$

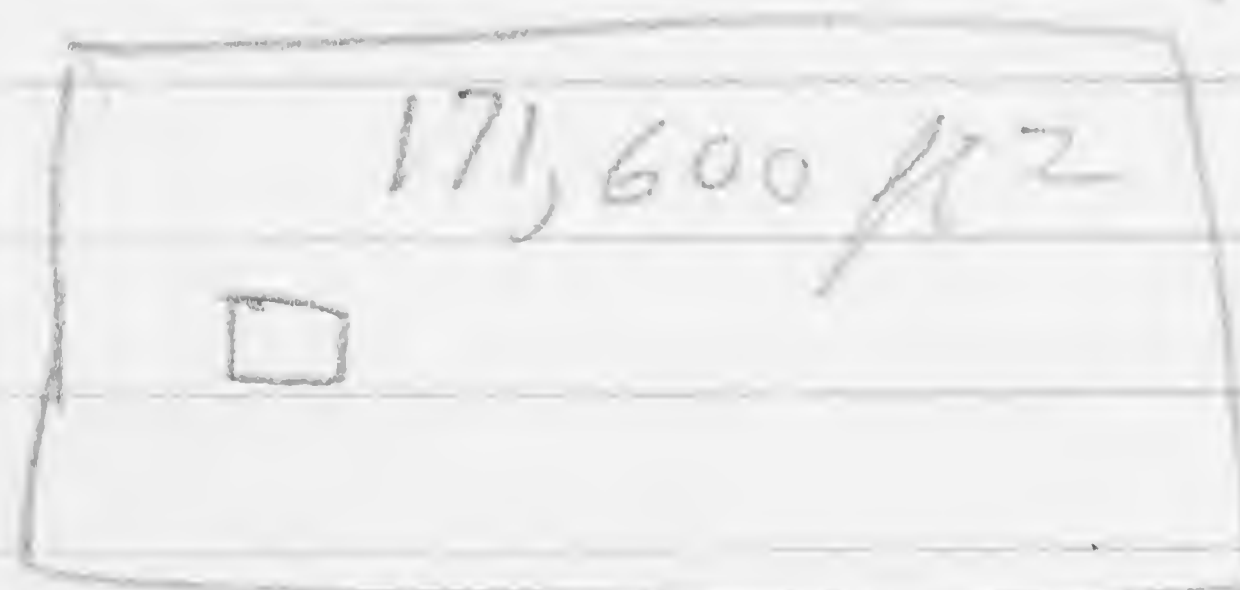
$$\begin{array}{r}
 128 \\
 125 \overline{) 16000} \\
 \underline{125} \\
 350 \\
 \underline{250} \\
 1000
 \end{array}$$

$$\begin{array}{r}
 520 \\
 125 \overline{) 65000} \\
 \underline{625} \\
 250
 \end{array}$$

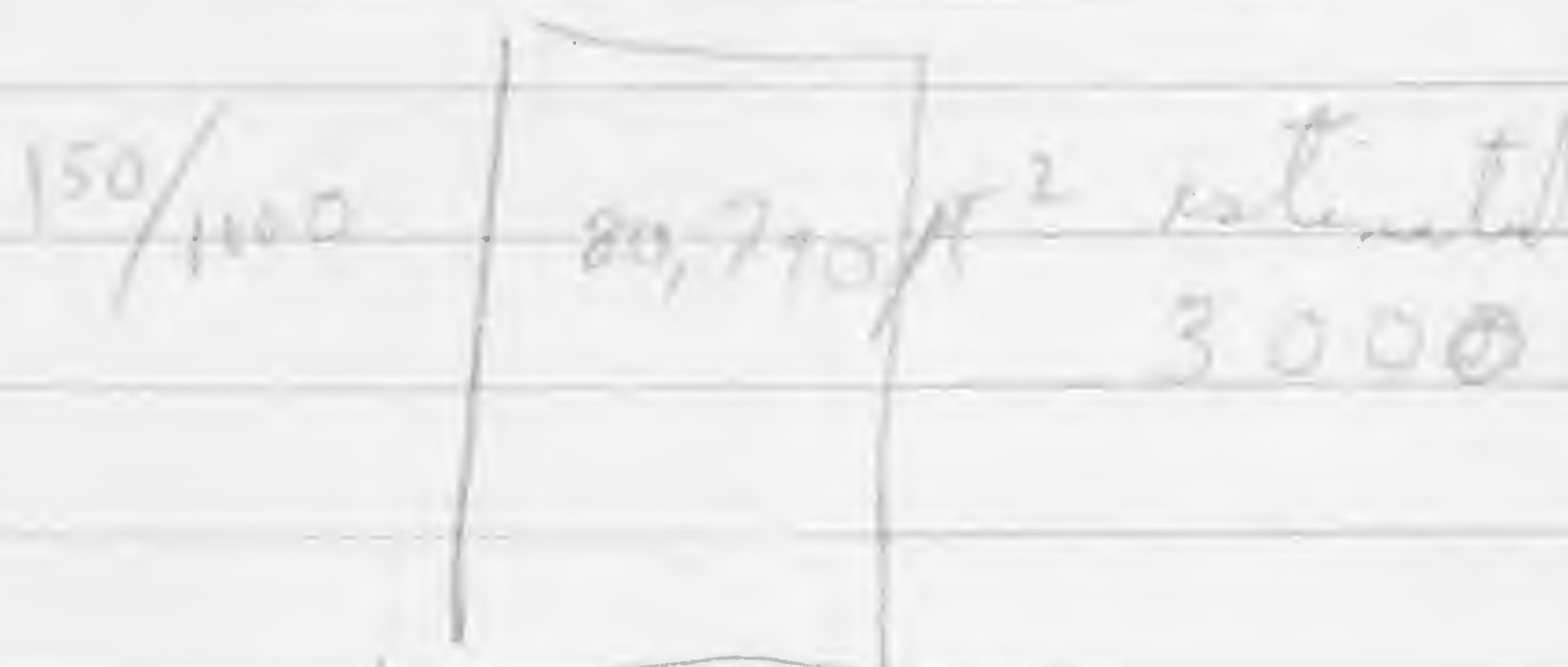
Sooty tern nesting Holland
 12/10/64
 50x25
 1250
 59 ft

Chicks	Eggs
55	16
31	10
25	13
32	17
17	9
160	65

128/1000 ft 52/1000 ft 13/1000 ft



9100 ft
 72,000
 7 ft



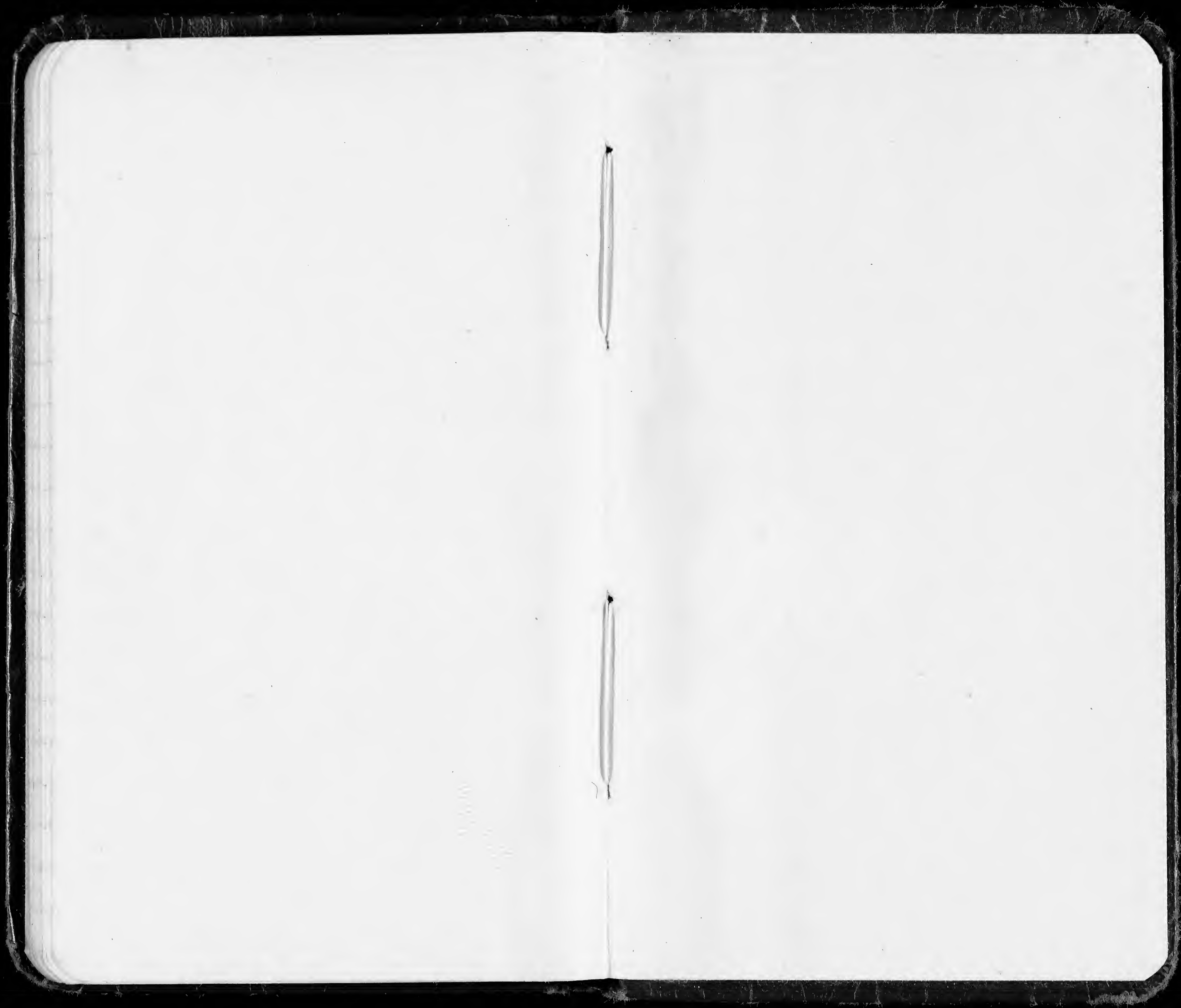
2000 chicks

33

163

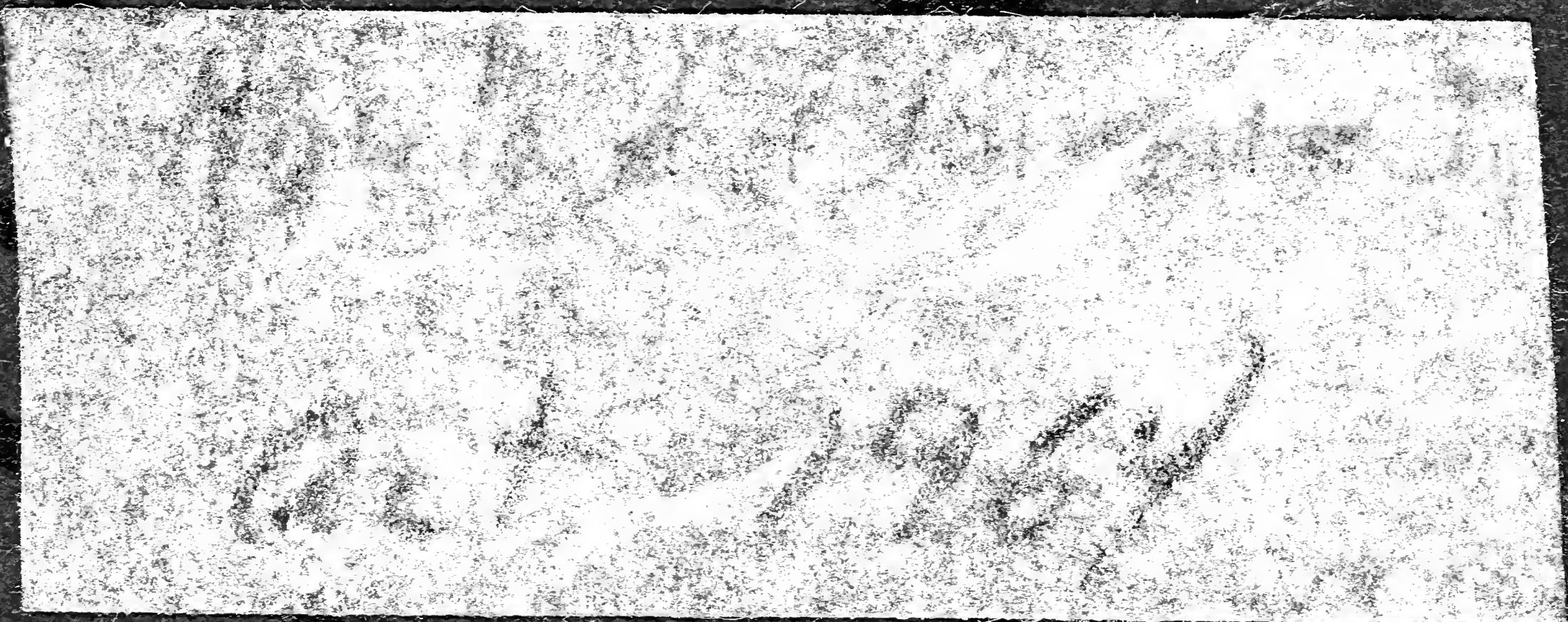
207

1



7530-222-0078
FEDERAL SUPPLY SERVICE

Memoranda



HACKMAN

✓ APP
9/11/66 TIL + CPH

Howland
Oct 9 - 1964
Done 2/22/69

Birnie - Done 2/22/69

Checked against interland
file - 10/25/66 - CPH



NL = Not listed

Howland Island - October 9/86

Blue-faced Booby

558-85201 Nestling

202 Nestling

✓ ♀ w/ Small chick

✓ ♀ w/ 2 eggs

203 Nestling

204 Nestling

205 Nestling

206 Nestling

207 Nestling

208 Nestling

568-71381 Immature ✓

209 Immature

210 Nestling

✓ ♀ on 2 eggs

✓ ♀ on 1 egg

211 Nestling

212 N

213-218 N

Fred - 5, 5, 2, 2, 2, 2

Alan - 5
1 Merrill

F w/ 1 egg - 11/1 (puffed)

F w/ small chick - ~~11~~

F w/ 2 eggs - ~~11~~ 11

M w/ 1 egg - 11

M w/ 2 eggs - ~~11~~ 11

Immature - 11

Nestling - ~~11~~ ~~11~~ ~~11~~ 1

Chick Too small to feed - 11

Immature - banded - 1

Brown Booby - 1 w/ 2 eggs - 11

28

23

51

48 Nestlings

558-85201 - 300 used on
nestlings.

~~30 adults - if easy to catch~~
~~20 young~~

Howland Island
October 9, 1964
faced Booby. ✓ADP

October 9, 1964

✓ADP

757-63132 Thru 63139

✓ 132 F

133 M

Single

737-28901 / M

✓ 20692 MK w/n

568 71322 Imm

71323 A

737-20916 M

20915 F

20351 F

✓ 20693 M }
✓ 39536 F }

20838 M

568-71324 Jan

737-20701 F

72

Hawland Is. Oct 9, 1964

Blue-f. Booby ✓ ADP

737-49871 F ✓

✓ 27511 F on 1 egg ✓

27807 M ✓

✓ 757-63015 M ✓

568-71327 Imm ✓

757-63070 M ✓

62866 F ✓

737-28602 F ✓

28977 M ✓

~~401~~ 134 M ✓

27521 F ✓

✓ 757-63017 M } w/chick ✓

✓ 63016 F } ✓

✓ 63021 F } ✓

✓ 737-28552 M } ✓

✓ 568-71332 Imm } ✓

737-28727 F ✓

✓ 53202 M } w/chick ✓

✓ 53204 F } ✓

Howland Is. Oct 9, 1964

Blue-f. Booby ✓ ADP

✓ 737-27994 F } 1 egg

✓ 737-20559 M }

✓ 27711 M } w/chick

✓ 27611 F } 568-72077

✓ 27712 F } 568-71330

✓ 253208 M }

Left leg ✓ 26607 banded twice

(both bands on too tight to remove)

737-27980 F ✓

✓ 135 M }

✓ 28908 F }

Removed ✓ 57-62872 double-banded

✓ 737-26609 M (left leg)

↓
moved to right leg

W/line 568-71342 NL

737-20706 M

Howland Island Oct 9, 1964

Blue-faced Booby ✓ ADP

737-20700 M ✓

✓ 20708 M

✓ 39849 F

27804 F ✓

49818 M ✓

✓ 757-62909 - right - removed

✓ 737-26610 - left - transferred to
left leg

737-27803 F ✓

568-71337 Imm. ✓

✓ M 737-26611 banded on left leg
band moved to right

✓ 737-49519

737-39656 M

737-53317 M } ✓

568-71345 Imm }

737-23539 F ✓

Howland Is. Oct 9, 1964

Blue-faced Booby

✓ 737-20710 M } ✓ ADP

✓ 20709 F }

✓ 757-62911 M }

✓ 62910 F }

✓ 136 M

737-49532 F ✓

✓ 49527 F }

✓ 53315 M }

568-71354 I ✓

✓ 737-53325 M - 2 eggs ✓

737-23719 F

✓ 39938 M }

✓ 23527 F }

568-71348 Imm ✓

28538 ? ✓

✓ 27557 F }

~~558-85205 N~~ today!!

✓ 737-27556 F } w/N

✓ 27555 M } 558-85206

12/2/65

Howland Island Oct 9
Blue-f. Booby

568-71377 Imm ✓

737-49540 F ✓ (75)

757-62870 M ✓

737-53239 F ✓

~~537 26634 M 2 eggs~~

~~53241 F~~

~~✓ 26641 M~~

~~✓ 26640 F~~

~~568-71381 I~~

~~737-53335 F~~

~~27543 F~~

~~27647 M~~

~~137 F~~

~~138 M~~

~~27577 F~~

~~26626 ?~~

Red-tailed Tropicbird

525-86101 Nestling

Howland Is. Oct 9

Blue-faced Booby

✓ 23731 F

✓ 25842 M

568-71365 I ✓

139 M

Oct. 9, 1964

LONG
✓ADP

✓737-27563 ♂

568-72804 imm } - ? should be 72084?

✓737-27568 ♂

~~757-63203 imm.~~

568-71382 imm ✓

✓737-25860 ♀

~~757-63206 imm~~

✓737-25862 ♂ + 2e.

✓-53250 ♀

-27808 ♀

✓757-63020 ♂

✓737-39740 ♀

✓737-23554 ♀

✓-27565 ♂

568-72085 n.)

✓737-27566 ♀

~~757-63205 ♂~~ ? ?

✓737-27810 ♂

-25852 ♀

737-28611 ♀

" -22622 ♂

Ending oh

✓ADP

✓737-276219 }
~~757-63201 imm.~~ }

Howland Island
October 10, 1964

Lesser Frigatebird

747-59101-59200

Howland Island
Oct. 10, 1964

Sooty Tern - Adult

773-24001

Adults

24101

24201

24301

24401

24501

24601

24701

24801

24901

25000



Howland Island
Oct. 11, 1964

Nesher Frigate - Nestlings

747-58001-58600
(for whole crew)

Howland Island

October 11, 1964

Blue-faced Booby - Nestlings

568-71001 - medium

→ 002 - nearly fledged

537-53109 - M w/N

009 - medium N

003 - medium N

~~537-53109 - M w/N~~

Used 568-71001 - 71028

Lesser

7 adult

5 N Lesser

4 Sooty Tern

1 Immature

10 Blue-f. Booby

27

Collect 7 Sooty Adults

Hawland Island

Oct. 12, 1964

Sooty Tern - adult

773-25501-25600

25601-25700

25701-25800

25801-25900

25901-26000

773-28501-600

28601-700

28701-800

28801-900

~~28901-29000~~

$\frac{46}{36} = 82$

Red-tailed Tropicbird

Nest

625-86102 Nesting in middle
of Sooty Tern colony

Howland Island - October 12

~~Lesse Frigate - Nestlings~~

~~747-58601-59000~~

Howland Is. Oct 12.

Hawaiian Noddy
682-47601 - Adult

Sooty Tern

793-30501 - 3/000

(Fred did 200 of these)



~~793-30501 - 3/000~~

10

1

2

3

4

5

Birnie Is Nov 7, 1964

Nest Count

Blue-f Body

1 egg - 111

2 egg - ~~111~~ 11

Am chick - 1

Immatures - 11

Birnie Island : Nov 7, 1964

Blue-f Body Nestlings

568 - 72136

Red-t. T. registered

625 - 87301

Now

Birnie Island - Nov. 8, 1964

Blue f. Booby

✓ ADP

✓ 757-66581 ♀

✓ 737-26277 ♂

✓ 667-39557 ♂

502 I

Brown Booby

503 I

737-27439 F

⊗ Eaten ✓

504 F

1 egg

✓ 505 F

✓ 26266 M

} on chick ✓

506 I

✓ 23921 M

✓ 507 F

508 F

✓ 26250 M

✓ 509 M

✓ 510 F

} 1 egg ✓

511 M

RC

512 S

✓ 23125 F

⊗ Eaten ✓

Brine Island Nov 5
Blue ~~Booby~~ ✓ADP

737-20305 ✓RC @ 5h
26452 ✓

513 M

22461 F ✓(X) 6h

514 F

✓737-39490 M ✓ ~~Black~~

✓737-27930 F (X) 11h ~~oh~~

515 F

516 S

✓21453 F ✓(X) 6h ~~oh~~

✓20330 M (X) 6h

517 M

518 F

519 F

✓520 M }
✓26400 F } W/I

521 I

522 F

523 M ✓

Brine Island Nov. 8
Blue ~~Booby~~ ✓ADP

524 I ✓RC

✓20454 F ✓(X) 6h

525 F

526 F

527 M

528 F

✓757-65020 M (X) 11h ~~oh~~ Red paint

✓757-65557 F (X) 11h Black paint

✓737-20450 F (X) 6h

✓757-64466 F (X) McKean

529 F

530 I

531 I

532 F

533 I

✓757-62225 F (X) Phry RC

534 F

535 F (X) 6h

✓737-20311 M Black paint

Burns Island Mar 8

Blue f. Body ✓ ADP

536 I m n R C

✓ 21323 F ✓

✓ 21200 F ✓

537 F

62 ✓ 21272 F ✓ ✓ Ender

✓ 26460 F ✓

✓ 52929 m } ✓ Ender dr

538 I

539 ?

540 F

✓ 26424 m } ✓ w/I

541 I

✓ ✓ 26432 F w/n

542 ?

543 M

✓ 21124 m 1 egg

✓ 21535 m (*) McKean

✓ 21085 M

✓ 667-39575 F

Burns Island Mar 8

Blue f. Body ✓ ADP

✓ 737-26436 M } w/n ✓
✓ 21014 F } w/n ✓

544 I

✓ 26438 M } w/I

✓ 667-39580 F

545 I

546 M

✓ 737-26239

✓ 667-39579 F

547 I

548 M

brown body 549 A Blue bill

✓ 737-21180 F

✓ 667-39551 M } w/n

737-26442 F

✓ 22574 F } Ender dr

brown body 550 F Pink bill

551 M w/n

✓ 26466 M

Burnie Island Nov 8

Blue-faced Booby

✓ 737-49430 F ✓

✓ 26443 M ✓

552 I

✓ 26454 M ✓

553 M

554 M

✓ 21181 M w/a ✓

555 F

556 M 1 egg

Brown Booby 557 I

Brown Booby 558 A

✓ 26392 M w/a ✓

559 F

✓ 21167 M ✓

560 I

563 F

✓ 565 M } w/I

566 I }

✓ 23131 F } ♂ E

✓ 23845 M } sh

Burnie Island Nov. 8

Brown Booby ✓

✓ 737-21229 A ✓

757-66503 I ✓

549 A ✓

550 A ✓

557 I ✓

558 A ✓

Bird hill - has 561 A I w/a ✓

Flesh hill - quack 562 A I w/a ✓

Flesh hill - quack 564 A ✓ w/a ✓

587 I

Burns Is. Nov 8

Blue f. Booby

7/37-21130 F ✓

567 I ✓

21472 ?

Acids ✓

568 I

569 I

570 M

571 F w/n

572 M

573 I

✓ 26444 F w/n ✓

✓ 23900 M ✓

✓ 26398 F ✓

574 F w/om chick

✓ 575 M ✓

✓ 26487 F ✓

576 I

577 I

578 I

579 I

(134)

Burns Is.

Nov 8

Blue f. Booby

580 I

581 M

582 I

583 I

584 I

585 F w/n

586 I

Brown Booby 587 I

Birnie Island

Blue f Body Nov 5

737-21185 ♂ eggs

206430 F

20013 M

21009 F

21008 M

21125 M

20295 M

21032 F

22235 M

26433 M

21059 M

21155 M

27411 F

26366 F

23863 M

23853 F

26354 M

Birnie Island -

Nov 9, 1964

Haw Noddy Tern

682-47619

Blue Gray Noddy

Common Noddy Tern

793-20602 15 Adults

16 N

17-

Nov. 7

Birnie

~~Noddy~~

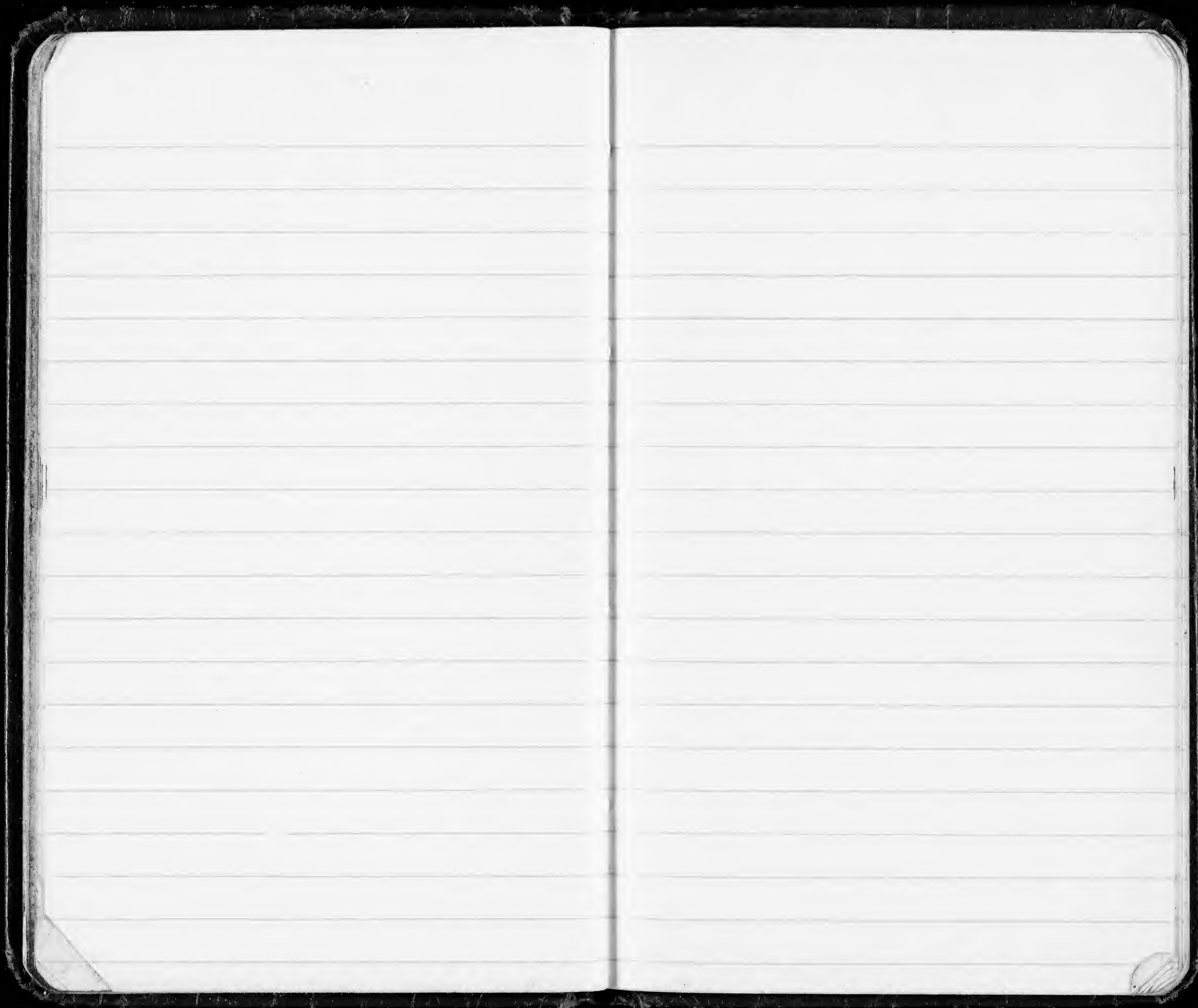
793-208894

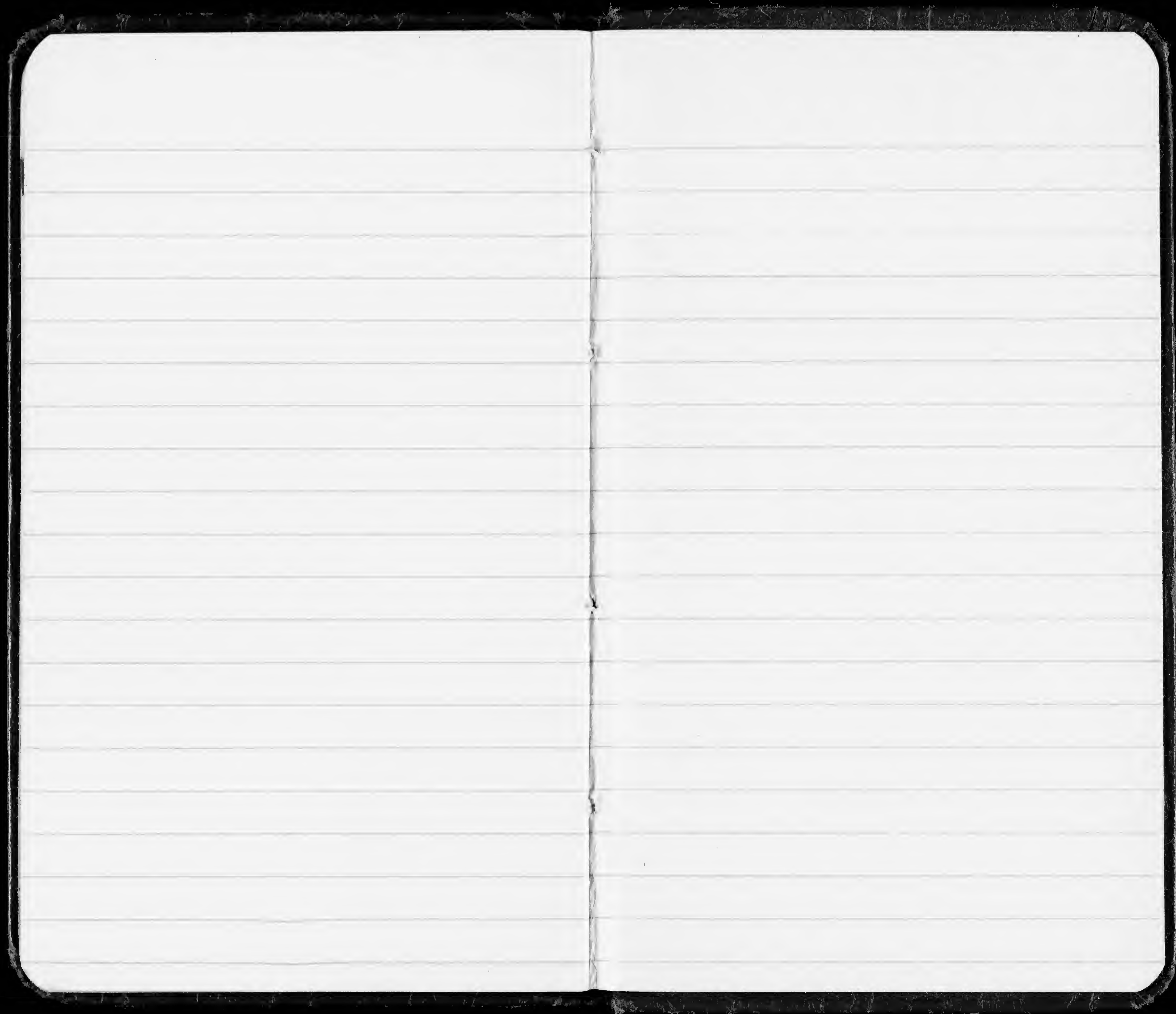
800

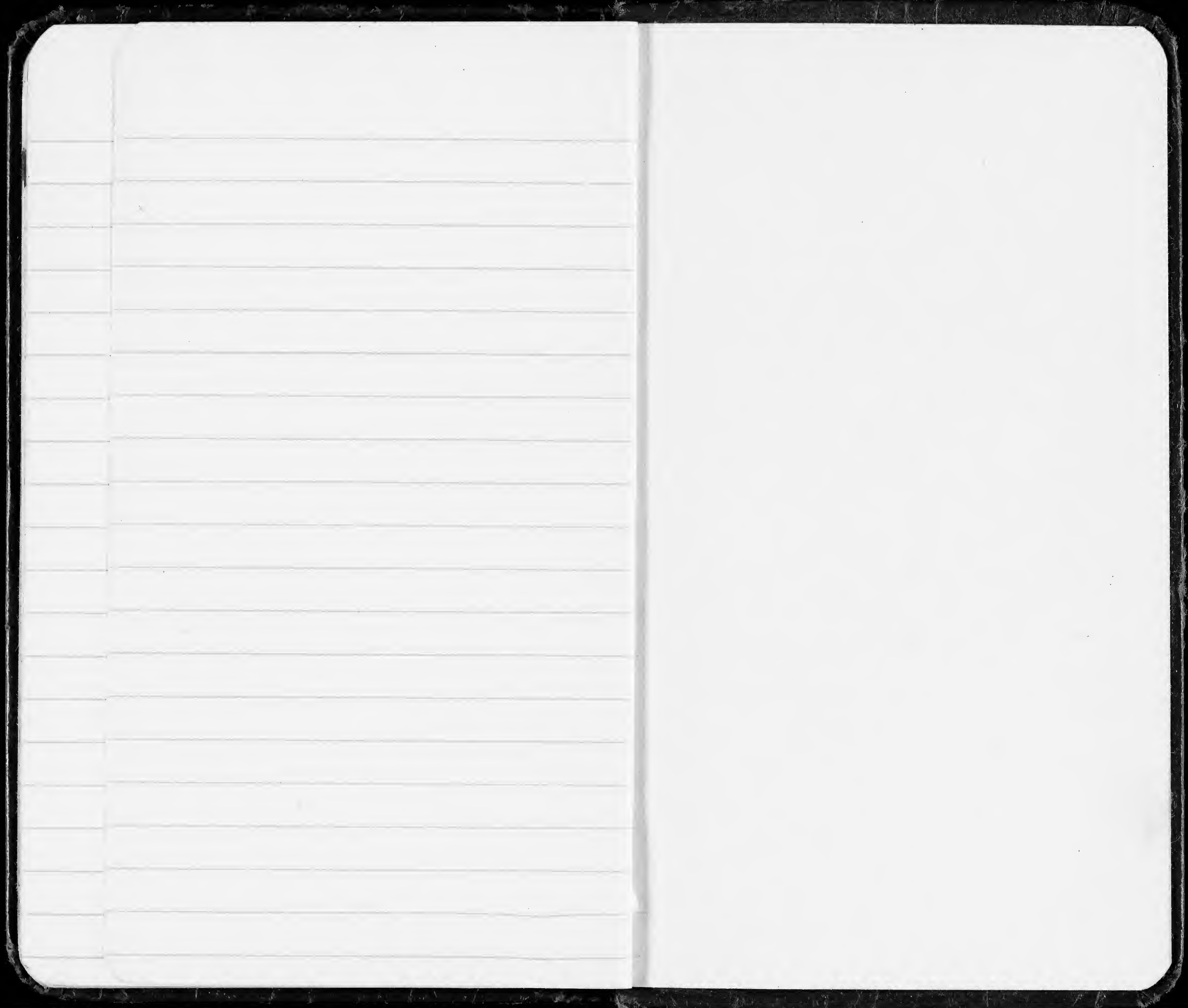
894

894

503 MA







$$\begin{array}{r} 2875 \\ 4025 \\ \hline 6900 \\ 43125 \end{array}$$

$$\begin{array}{r} 850 \\ 850 \\ \hline 425050 \end{array}$$

$$\begin{array}{r} 8750^2 70 \\ 125 \\ \hline 1750 \end{array}$$



$$4250 \quad 8750$$

$$\begin{array}{r} 73 \\ 101 \\ 68 \end{array}$$

$$\frac{200}{100 \text{ ft}^2}$$

$$\begin{array}{r} 242 \\ \hline 1250 \text{ ft}^2 \end{array} \quad \begin{array}{r} 8500 \\ 1700 \end{array}$$

$$125 \overline{) 242}$$

$$\begin{array}{r} 194 \\ 125 \\ \hline 1170 \\ 1125 \\ \hline 450 \end{array}$$



/// - H

/// - N



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Memoranda

Howland Island
9-13 October 1964

Birnie Island
9 November 1964

C. R. Long

Long

✓ ADP
CDH
1/12/67

gh

Sic 6

✓
1964

HOWLAND

ISLAND

Done 2/22/69

Birnie & Done 2/22/69

~~Sydney~~
Checked against intended files
8/25/66 CDH
* = previously unrecorded

10

rest.

✓
1/4 day.

87

+1
✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

✓
h.

9 Oct. 64 757-63304 - 63400
Howland ✓ ADP

- ✓ 757-63004 ♀ + 1e ✓
- ✓ 737-25829 ♀ (left leg band) ✓
- ✓ 737-23728 ♀ ✓
- ✓ 757-63304 ♂ + 1e. } New ✓
- ✓ 737-37578 ♀ } ✓
- ✓ 737-20790 ♀ + 2e. ✓
- ✓ " 20683 ♂ (left leg band) ✓
- ✓ 568-71320 imm. ✓
- ✓ " 70271 imm. ✓ Phoenix *
- ✓ 737-27517 ♀ ✓
- ✓ " 20789 ♀ ✓
- ✓ " 26606 ♂ ✓
- ✓ " 20201 ♂ ✓
- ✓ " 27510 ♀ } ✓
- ✓ 568-72072 imm. } ✓
- ✓ 757-63305 ♂ New ✓
- ✓ 757-63306 ♂ + 1e. ✓
- ✓ 737-49677 ♀ } ✓
- ✓ 568-71319 imm. } ✓
- ✓ 757-63308 ♂ + 1 nestling ✓

✓ 757-63308 ♂ + 1e } 9 Oct. ✓ ADP
✓ 757-62905 ♀ }

- ✓ 757-63309 ♂ ✓ 568-72075 nest. ✓
- ✓ 737-25872 ♂ + 2e } 568-71375 imm. ✓
- ✓ " -27550 ♀ } 737-53337 ♂ ✓
- ✓ 568-71341 imm. } 737-53307 ♀ + 1e. ✓
- ✓ 737-25839 ♂ } 568-72082 imm. ✓
- ✓ 757-63014 ♂ ✓ 568-71368 imm. ✓
- ✓ 737-27716 ♀ ✓ 737-27998 ♀ ✓
- ✓ 757-63310 imm. } " -49639 ♂ + 2e. ✓
- ✓ 737-27533 ♂ } 757-63313 ♀ New ✓
- ✓ " 27539 ♂ + 2e. } 568-71362 imm. ✓
- ✓ 568-71339 imm. ✓
- ✓ 737-23539 ♀ ✓
- ✓ 757-63311 ♀ New ✓
- ✓ 737-27715 ♂ ✓
- ✓ " -25840 ♂ ✓
- ✓ 568-71338 imm. ✓
- ✓ 757-63312 ♂ New ✓
- ✓ 737-23556 ♂ } ✓
- ✓ 757-63022 ♀ } ✓
- ✓ 568-71373 imm. ✓

+ 23 see Hackman's book
43

+ 46 S

9 Oct.

9 banded

11 ~~12~~ October 1964

Hawland

773 - 23501

24000

} G. Anderson
P. Woodward
B. Long

773 - 23601

23900

Lo (young terns)
nestlings

23901

773 - 24000

Lo (sooty tern)
nestlings

12 - 20m.

773 - ~~25001~~

25500

25101

25500

(400)

773 -

27001

27100

(100)

773 -

27101

27300

(200)

773 -

27401 -

27500

(100)

12 October

100 - 773 - 28901
29000

+92

192 - sooty nestlings

~~Howland~~

13 October 1964

(adult
sooty terns
all)

$$\begin{array}{r} 773 - 2950 \\ \hline 3000 \end{array}$$

(500)

✓ 383 - 12129 + chicks

(one nest - bird flew up - 1 chick + 1 egg)

(773 - 29750 - 1 chick + 1 egg)

(773 - 29724 - 2 chicks)

$$\begin{array}{r} \checkmark 793 - 30991 \\ \hline 31000 \end{array}$$

100

✓ 773 - 26895 (on 2 eggs)

$$\begin{array}{r} \checkmark 793 - 31191 \\ \hline 31200 \end{array}$$

40

Hockley: banded H. noddy.

total (640)

Sept 11

✓ ADP
Bourne 9 Nov. 1964

marked books

757 - 6680 ♀

737 - 26295 ♂ ✓

" - 26448 ♂ ✓

" - 22212 ♂ + 1 imm. ✓

" 26415 ♂ + 1 e. ✓

" 21024 ♀ + 1 imm. ✓

802 ♀ chd

803 ♀ chd

804 ♀ "

805 ♀ "

737 - 23101 ♂ Ender ⓧ ✓

806 adu.

~~568 - 72155 imm 737 - 26306 ♂ ✓~~

737 - 26207 ♂ ✓

" - 23848 ♀ ✓

807 imm.

~~568 - 72159 imm 737 - 21071 ♀ ✓~~

~~" - 72150 ♂ 737 - 21070 ♀~~

~~568 - 72131 " " - 26302 ♂~~

Phenyl ⓧ

✓ADP

809 ♀
808 ♀

737 - 26457 ♀ } ✓
667 - 35566 ♂ 5 m. ✓
737 - 26457 ♂ ✓

810 ♂ } m. ✓
737 - 22221 5 m. ✓
737 - 26302 ♂ ✓

737 - 26332 ♂ ✓
" - 28965 ♀ ✓
737 - 27451 ♂ ✓ End (*)
" - 26352 + imm ✓

Bimie * 737 - 26305 ♂ ✓
" 21171 ♂ ✓

737 - 23852 ♀ ✓
737 - 22227 ♂ ✓
737 - 26365 ♂ ✓

757 - 63981 ♂ (Point) ✓ McKen (*)
737 - 21841 ♂ ✓ J. ✓
" - 26389 ♂ ✓ McKen

737 - 23655 ♂ ✓ (M) (*)
811 ✓ J. phony

737 - 26392 ♂ ✓ ADP
" - 26379 ♂ ✓

812 ♀ }
" 21144 ♂ ✓
" 26395 ♂ } + 20 ✓

813 ♀ }
" 21145 ♀ ✓
" 23907 ♂ } ✓
" 26488 ♂ } m. ✓
" 26396 ♀ ✓
" 23857 ♂ ✓

814 ♀
" 22607 ♀ ✓ End (*)
815 ♂

737 - 21149 ♂ ✓
* " - 26387 ♂ Burnie ✓
" - 21019 ♀ + 10. ✓

816 ♀
817 ♂
737 - 21328 ♂ ✓
" - 26150 ♀ ✓ Phony

737 - 21195 ♂

" 26435 ♂

" 21061 ♀

" 26411 ♂

819 mm

737 - 21058 ♂

" - 21183 ♂

" - 21115 ♂

" - 22268 ♂ + 20

" - 21134 ♂

" - 21316 ♀

820

" 26241 ♀

667 - 39533 ♂

821 mm

737 - 21303 ♂

" - 26316 ♂

(*) Underling " - 21449 ♂

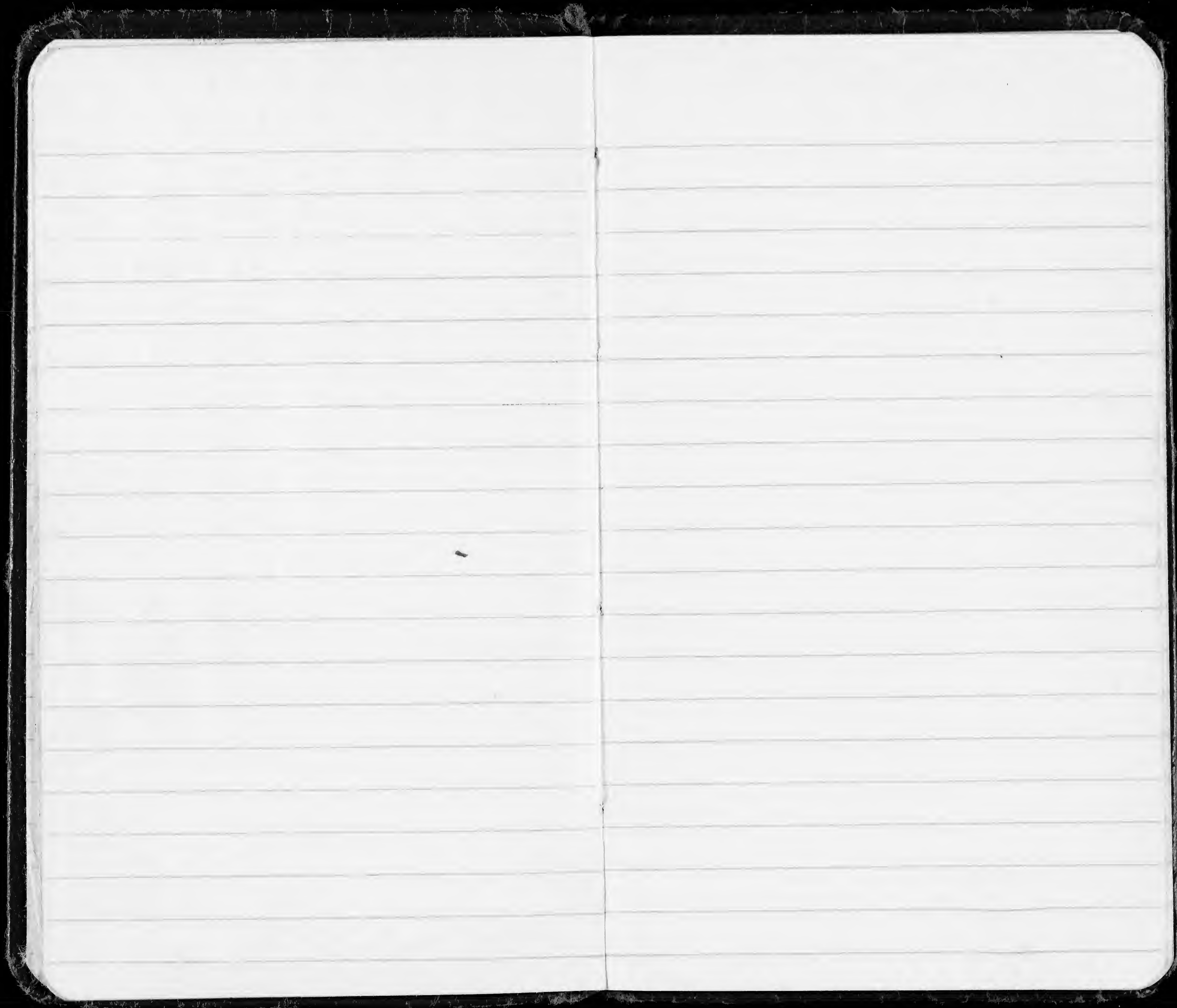
" - 21131 ♂

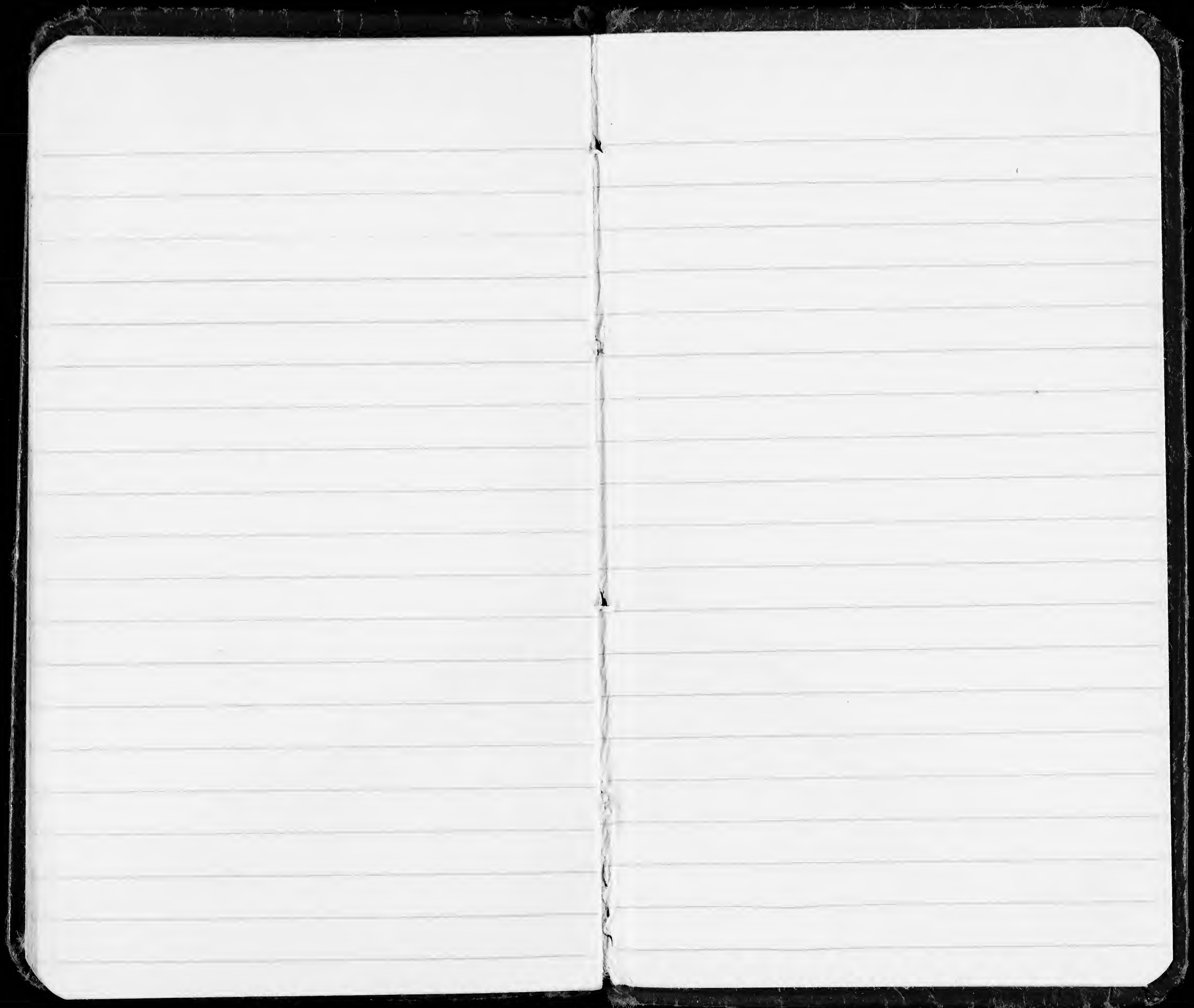
822 - Brown

823 - Brown

✓ May 737-26265 ✓
" - 262648 ✓
" - 211880 ✓
" - 213148 ✓
824 items

24 bands (1 brown b)
64 returns









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